Index of Claims

| Application N | 0. |
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09/839,010

Examiner

Michael J. Moore, Jr.

Applicant(s)

BASSO ET AL.

**Art Unit** 

2666

| √  | Rejected |
|----|----------|
| II | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla   | im       |                         |          |          |  | Date   | e               |              |              |              | ]    | С            | laim     |              |                   |          | D        | ate      |   |          |          | 13    | CI   | aim        |                              |  |        | Dat      | e            |          |          |           |
|-------|----------|-------------------------|----------|----------|--|--|-----------------|--------------|--------------|--------------|------|--------------|----------|--------------|-------------------|----------|----------|----------|---|----------|----------|-------|--|------------|------------------------------|--|--------|----------|--------------|----------|----------|-----------|
| l _   | <u>a</u> | 4                       |          |          |  | l  |                 |              |              |              |      | ۱_           | 76       |              |                   | H        |          | - 1      |   |          |          | 1.1   | l _  | <u>m</u>   |                              |  |        |          |              |          |          |           |
| Final | Original | 10/12/04                |          |          |  | l  |                 |              |              |              |      | Final        | Original | ,            |                   |          |          | ı        |   | 1        |          |       | Final  | Original   |                              |  |        | l        |              |          |          | 1         |
| L.    | Ö        | 10                      |          |          |  | l  |                 | ŀ            |              | l            | '    | ш            | 1 6      |              |                   |          | ]        |          |   |          |          |       | II.  | 9          |                              | ]  |        |          |              | ĺ        |          |           |
|       |          | 1                       | -        |          | $\vdash$   |  | -               | <u> </u>     | -            |              | -    | -            |          |              | ╂                 | $\vdash$ |          | -        | +   | +        |          |       |  | l          |                              |  | -      | ┼        | <b>!</b>     |          | $\dashv$ | _         |
|       | 1        | 1                       | H        |          | ⊢  | <u> </u>   | $\vdash$        | ┝            | ├_           | ⊢            | ┨    | <u> </u>     | 51       |              | +-                | $\vdash$ |          |          | -   | +        | -        |       |  | 101        | $\dashv$                     | -  | +-     | +-       | <u> </u>     | $\dashv$ | +        | -         |
|       | 3        | 7                       | -        |          | ⊢  | ├  | $\vdash$        | <del> </del> | ⊬            | Ͱ            | ┨    | -            | 52<br>53 | -            | +                 | Н        | $\dashv$ | $\dashv$ | +   | +        |          | - j   |  | 102<br>103 | $\dashv$                     | +  | +-     | ╀        |              | $\dashv$ | -+       | 4         |
|       | 4        | 1                       | -        |          |  | -  | H               |              | ┝            | ⊢            | 1    | -            |          |              | +                 | Н        | -        | 4        | +   | +        | -        |       |  |            | $\dashv$                     | +  | +      | ╀        | ├-           |          | $\dashv$ | -1        |
|       | 5        | 1                       |          | -        | ⊢  | ┢  | H               | <u> </u>     | -            |              | ┨    |              | 54<br>55 | +-           | +                 | $\vdash$ |          | $\dashv$ | +   | -+-      |          | -     |  | 104<br>105 |                              |  | +-     | ╁        | <del> </del> |          | $\dashv$ | ᅱ         |
|       | 6        | ò                       | $\vdash$ | $\vdash$ | ┝  | ⊢  | -               | -            | -            | ├            | ┨    |              | 56       | -            | +                 | Н        | $\dashv$ | $\dashv$ | +   | +        | +        | - *** |  | 106        |                              | ┿  | ┿      | ┢        | Η.           |          | +        | -         |
|       | 7        | 1                       |          |          | $\vdash$   | ┢  | Н               | $\vdash$     | ┢            | $\vdash$     | ┨    |              | 57       | <del>'</del> | +                 | Н        | -        | $\dashv$ | -+  |          |          |       |  | 107        | +                            |  | +      | ╁        | H            | -        | +        | $\dashv$  |
|       | 8        | V                       |          |          | _  | <u> </u>   | Н               | -            | -            | -            |      |              | 58       |              | +                 | H        | $\dashv$ | $\dashv$ | +   | +        | +        | - M   | _  | 108        | -                            | +  | ┿      | +-       | -            | -        | +        | $\dashv$  |
|       | 9        | 1                       | -        |          | <u> </u>   | H  |                 | -            | <del> </del> | <del> </del> |      |              | 59       | 1            | +                 | H        |          | -+       | +   | +        | _        | ां    |  | 109        | $\dashv$                     | +-   | ┿      | ╁        | Н            | $\dashv$ | $\dashv$ | $\dashv$  |
|       | 10       | 1                       |          | _        | <del>                                     </del> | <del>                                     </del> | Н               | $\vdash$     | $\vdash$     | T            | 1    | $\vdash$     | 60       |              | $\top$            | H        | $\dashv$ | +        | $\dashv$  | +        | +-       | ı,ii  | <del>                                     </del> | 110        | 十                            | $\dashv$   | +      | +        | $\vdash$     | $\dashv$ | $\dashv$ | $\dashv$  |
|       | 11       | 1                       | Н        | М        | T  | Н  | Н               | Н            | T            | T            | 1.   |              | 61       |              | $\top$            | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ |       |  | 111        | $\dashv$                     | $\dashv$   | +      | $\vdash$ |              | -        | +        | ᅱ         |
|       | 12       | ō                       | П        |          | Г  | Г  | П               |              |              |              | 1 ;  |              | 62       | :            | Т                 | П        | $\dashv$ | $\dashv$ | $\top$  | 十        | $\top$   |       | <b></b>  | 112        | $\dashv$                     | _  | +      | $\top$   | П            |          | $\dashv$ | $\dashv$  |
|       | 13       | T                       | П        |          | Ι.   |  | П               |              | П            | Т            | 1    | Г            | 63       |              | $\top$            |          | $\dashv$ | $\neg$   | $\dashv$  | 十        | 1        | 1 :   |  | 113        |                              | $\top$   | $\top$ | T        | П            |          | $\dashv$ | $\dashv$  |
|       | 14       |                         |          |          |  |  |                 |              | İΠ           | Г            |      |              | 64       |              | П                 |          | $\neg$   | 十        | $\top$  | $\top$   | $\neg$   | 1 .   |  | 114        |                              | _  | 1      | T        | П            | _        | 十        | $\dashv$  |
|       | 15       |                         |          |          |  |  |                 |              |              |              |      |              | 65       |              |                   |          |          |          |   |          |          |       |  | 115        |                              | $\top$   |        |          |              | $\neg$   | 寸        | $\neg$    |
|       | 16       |                         |          |          |  |  |                 |              |              |              | ]    |              | 66       | П            |                   |          |          |          |   |          | <b>T</b> | 155   |  | 116        |                              |  |        |          |              |          | $\neg$   | $\neg$    |
|       | 17       |                         |          |          |  |  |                 |              |              |              |      |              | 67       |              |                   |          |          |          |   |          |          |       |  | 117        |                              |  |        |          |              |          | 丁        |           |
|       | 18       |                         |          |          |  |  |                 |              |              |              | ] `; |              | 68       | T            |                   |          |          |          |   | $\Box$   |          | 1     |  | 118        |                              |  |        |          |              |          |          |           |
|       | 19       |                         |          |          |  |  |                 |              |              |              | ]    |              | 69       |              |                   |          |          |          |   |          |          |       |  | 119        |                              |  |        |          |              |          |          |           |
|       | 20       |                         |          |          |  |  |                 |              |              |              | ]    |              | 70       |              |                   |          |          |          |   |          |          | 1     |  | 120        |                              |  |        |          |              |          |          |           |
|       | 21       |                         | Ш        |          |  | $oxed{oxed}$                                     |                 |              |              |              |      |              | 71       | $\perp$      | Ш                 |          |          |          |   | $\perp$  |          |       |  | 121        |                              |  |        |          |              |          |          |           |
|       | 22       |                         |          |          |  |  | Ш               |              | Ш            | L            | ]    | L_           | 72       |              |                   |          |          |          |   |          |          | ]     |  | 122        |                              |  |        |          |              |          |          |           |
|       | 23       | ļ                       |          | Ш        |  | Ш  |                 |              | Ш            | ╙            |      | <u> </u>     | 73       | 4            | 1                 |          | _        | _        | 4   | _        | <u> </u> |       |  | 123        |                              | $\perp$  | 1_     |          |              |          |          | Ц         |
|       | 24       |                         |          |          | _  |  | Ш               |              |              | L_           |      | <u> </u>     | 74       | 1            |                   |          | _        | _        | 4   |          |          |       |  | 124        |                              |  |        | <u> </u> |              |          | _        | _         |
|       | 25       |                         |          |          | <u> </u>   |  |                 |              |              | _            |      | <u> </u>     | 75       |              | $\perp$           |          | _        | _        | +   | _        | _        |       |  | 125        |                              | $\bot$   | 4_     | ↓_       | Щ            |          | _        | 4         |
|       | 26<br>27 |                         | Ш        |          | <u> </u>   |  | $\square$       |              |              | _            |      | <u> </u>     | 76       | _            | $\bot$            | _        | 4        | 4        | _   | $\bot$   |          | J.    | <u> </u>   | 126        | _                            | $\perp$  | _      |          |              | $\dashv$ | _        | _         |
|       | 27       | $\vdash$                | Н        |          |  | $\vdash$   | $\dashv$        | $\vdash$     | _            | <u> </u>     | ١.   |              | 77       |              | $\vdash$          | _        | -        | -        | 4   | 4        | 4        | 1     |  | 127        | _                            |  | +-     | ↓_       | Ш            | _        | $\dashv$ | _         |
| -     | 28       |                         |          |          |  | _  | -               |              |              | ├-           |      |              | 78       | 1            | $\vdash$          |          | -        |          | -   | +-       |          | 1.7   |  | 128        |                              | -  | +-     | -        | Н            | _        | $\dashv$ | _         |
|       | 29<br>30 |                         | Н        |          | _  | _  | -               |              | H            | -            | 1    |              | 79<br>80 | -            | +                 | $\dashv$ | $\dashv$ | $\dashv$ | +   | +        | +-       | 1     |  | 129        | $\dashv$                     | +  | +      | ⊢        |              | _        | +        | -         |
|       | 31       | <u> </u>                | $\vdash$ |          |  |  | $\vdash$        |              | -            | <u> </u>     |      | <del> </del> | 81       |              | $\vdash$          | $\dashv$ | -+       | -+       | +   | +        | +        | 1.77  |  | 130<br>131 | $\dashv$                     |  | +      | ╀        | Н            | $\dashv$ | -        |           |
|       | 32       | _                       | $\vdash$ | $\dashv$ | _  | Н  | -               |              | -            |              | ٠    | ⊢            | 82       | +            | +-1               | $\dashv$ | $\dashv$ | +        | +   | +        | +-       | 1.    |  | 132        | $\dashv$                     | +  | +      | ╀        | Н            | $\dashv$ | $\dashv$ | -1        |
|       | 33       | <u> </u>                | $\dashv$ | -        | $\vdash$   | H  |                 | _            | $\vdash$     | $\vdash$     | ł    | ├            | 83       |              | Н                 | $\dashv$ | $\dashv$ | ┥        | -   | ╁        | -        |       |  | 133        | $\dashv$                     | +  | ┿      | +-       | Н            | -        | $\dashv$ | $\dashv$  |
|       | 34       | $\vdash$                | $\vdash$ |          | $\vdash$   | $\vdash$   | $\vdash \vdash$ |              | $\vdash$     | $\vdash$     | 1    |              | 84       |              | $\vdash$          | $\dashv$ | -+       | $\dashv$ | +   | +        | +        | 1 :   | <u> </u>   | 134        | $\dashv$                     | +  | +      | +        | H            | $\dashv$ | +        | $\dashv$  |
|       | 35       | $\vdash$                | -        | $\dashv$ |  | H  | $\vdash$        |              | H            | $\vdash$     |      |              | 85       |              | $\forall \exists$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | +        | 1     |  | 135        | $\dashv$                     | +  | +      | +-       | Н            | +        | +        | $\dashv$  |
|       | 36       | Н                       | $\Box$   | $\neg$   | _  | Н  | $\vdash$        |              | Н            | Н            | 1    | -            | 86       |              | H                 | $\vdash$ | $\dashv$ | $\dashv$ | 十   | +        | +        | 1     |  | 136        | $\dashv$                     |  | +-     | +        | Н            | +        | +        | $\dashv$  |
|       | 37       | Н                       | .        |          |  |  | -               |              | П            | $\vdash$     |      |              | 87       |              | $\Box$            |          | $\dashv$ | $\dashv$ | $\dashv$  | +        | +        |       |  | 137        | 寸                            | +  | +      | +        | Н            | $\dashv$ | +        | $\dashv$  |
|       | 38       | М                       | $\Box$   | $\dashv$ |  | П  |                 |              | П            |              |      |              | 88       |              | П                 | $\dashv$ | _        | $\dashv$ | 十   | +        | $\top$   |       |  | 138        | 十                            | 十  | +-     | 1        | Н            | $\dashv$ | +        | $\dashv$  |
|       | 39       | П                       | $\Box$   | $\neg$   |  | П  |                 |              |              |              |      |              | 89       |              | $\sqcap$          | $\dashv$ |          | $\dashv$ | 十   | +        | $\top$   |       |  | 139        | $\dashv$                     | $\top$   | $\top$ | T        | Н            | $\dashv$ | 十        | $\dashv$  |
|       | 40       | П                       | $\Box$   | $\neg$   |  | П  |                 |              | П            |              | 1.   |              | 90       |              | П                 | $\neg$   | _        | 7        | 十   | $\top$   | 1-       | 3.    |  | 140        | $\dashv$                     | $\top$   | $\top$ | 1        | $\Box$       | $\dashv$ | $\top$   | $\dashv$  |
|       | 41       |                         |          |          |  |  |                 |              |              |              |      |              | 91       | Т            |                   |          |          |          |   | _        |          |       |  | 141        | 7                            | $\top$   | $\top$ | T        | П            | 7        | 寸        | ヿ         |
|       | 42       |                         |          |          |  |  |                 |              |              |              | 1    |              | 92       |              |                   | コ        |          |          |   | _        | $\top$   | .;    |  | 142        | 寸                            |  | 1      | Π        |              | 7        | $\dashv$ | $\exists$ |
|       | 43       | $\lfloor \cdot \rfloor$ |          |          |  |  |                 |              |              |              |      |              | 93       |              |                   | 丁        |          |          |   |          | I        |       |  | 143        |                              |  | T      |          |              | _†       | $\Box$   | コ         |
|       | 44       |                         |          |          |  |  |                 |              |              |              |      |              | 94       | T            |                   |          |          | I        | I   | I        |          |       |  | 144        |                              |  | Ι      |          |              |          | $\top$   |           |
|       | 45       |                         |          |          |  |  |                 |              |              |              |      |              | 95       |              |                   |          |          | $\Box$   | $oldsymbol{ol}}}}}}}}}}}}}}}$ |          |          | ]     |  | 145        |                              | $oldsymbol{ol}}}}}}}}}}}}$ |        |          |              |          | 丁        |           |
|       | 46       |                         |          |          |  |  |                 |              |              |              |      |              | 96       |              |                   |          |          |          |   |          |          | ]     |  | 146        | $oldsymbol{oldsymbol{\Box}}$ | $oxed{oxed}$   |        |          |              | ┚        | ]        |           |
| ]     | 47       | Ш                       | Ш        |          |  |  |                 |              | Ш            |              |      |              | 97       |              | $\sqcup$          |          | $\Box$   | $\perp$  | $\bot \!\!\!\! \bot$  | $\bot$   |          |       |  | 147        |                              |  |        |          |              | $\Box$   |          |           |
|       | 48       | Ш                       |          |          |  | Ш  | $\sqcup$        |              | Ш            |              |      | <u> </u>     | 98       |              | $\sqcup$          | [        | [        |          |   | L.       |          |       |  | 148        | $\perp$                      | $\Box$   |        |          |              | $\Box$   | $\Box$   |           |
|       | 49       | Ш                       | Ц        | _        |  | Щ  | _               |              | Щ            | Ц.           |      | <u> </u>     | 99       |              | $\sqcup$          | _        | $\dashv$ | _        | $\perp$   | $\perp$  |          |       |  | 149        |                              |  |        | <u> </u> | Щ            | $\Box$   | $\perp$  | $\Box$    |
|       | 50       | Ш                       | Ш        |          |  | Ш  |                 |              | Ш            | L.           | ].   | L            | 100      | <u>」</u>     | Ш                 |          | L        |          |   | 丄        |          |       |  | 150        | $\perp$                      | ┸  |        | L        | Ш            |          | $\perp$  |           |